

Thierry Douki

List of Publications by Year in descending order

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246
papers

18,224
citations

12597

71
h-index

17373

126
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255
all docs

255
docs citations

255
times ranked

16903
citing authors

#	ARTICLE	IF	CITATIONS
1	SN- and NS-puckered sugar conformers are precursors of the (6â€“4) photoproduct in thymine dinucleotide. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2300-2307.	1.5	1
2	Proteomic Signatures of Microbial Adaptation to the Highest Ultraviolet-Irradiation on Earth: Lessons From a Soil Actinobacterium. <i>Frontiers in Microbiology</i> , 2022, 13, 791714.	1.5	1
3	DNA Damage. , 2022, , 1-6.		0
4	Seasonal Differences in the UVA/UVB Ratio of Natural Sunlight Influence the Efficiency of the Photoisomerization of (6â€“4) Photoproducts into their Dewar Valence Isomers. <i>Photochemistry and Photobiology</i> , 2021, 97, 582-588.	1.3	3
5	Toxicity and chemical transformation of silver nanoparticles in A549 lung cells: dose-rate-dependent genotoxic impact. <i>Environmental Science: Nano</i> , 2021, 8, 806-821.	2.2	20
6	Glutathione conjugates of the mercapturic acid pathway and guanine adduct as biomarkers of exposure to CEES, a sulfur mustard analog. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1337-1351.	1.9	5
7	Dark cyclobutane pyrimidine dimers are formed in the epidermis of Fitzpatrick skin types I/II and VI in vivo after exposure to solarâ€simulated radiation. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 575-584.	1.5	16
8	Wavelengths and temporal effects on the response of mammalian cells to UV radiation: Limitations of action spectra illustrated by genotoxicity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 217, 112169.	1.7	2
9	Synergistic or Antagonist Effects of Different UV Ranges Analyzed by the Combination Index: Application to DNA Photoproducts. <i>Photochemistry and Photobiology</i> , 2021, , .	1.3	0
10	Evidence for the systemic diffusion of (2-chloroethyl)-ethyl-sulfide, a sulfur mustard analog, and its deleterious effects in brain. <i>Toxicology</i> , 2021, 462, 152950.	2.0	9
11	Metabolism and genotoxicity of polycyclic aromatic hydrocarbons in human skin explants: mixture effects and modulation by sunlight. <i>Archives of Toxicology</i> , 2020, 94, 495-507.	1.9	5
12	Toxicity and DNA repair in normal human keratinocytes co-exposed to benzo[a]pyrene and sunlight. <i>Toxicology in Vitro</i> , 2020, 63, 104744.	1.1	11
13	Wavelengthâ€and Tissueâ€dependent Variations in the Mutagenicity of Cyclobutane Pyrimidine Dimers in Mouse Skin. <i>Photochemistry and Photobiology</i> , 2020, 96, 94-104.	1.3	14
14	Pyrimidine (6â€“4) Pyrimidone Photoproducts in UVAâ€irradiated DNA: Photosensitization or Photoisomerization?. <i>ChemPhotoChem</i> , 2020, 4, 294-299.	1.5	8
15	Structural, biochemical and functional analyses of tRNA-monooxygenase enzyme MiaE from <i>Pseudomonas putida</i> provide insights into tRNA/MiaE interaction. <i>Nucleic Acids Research</i> , 2020, 48, 9918-9930.	6.5	9
16	Toxicity to RAW264.7 Macrophages of Silica Nanoparticles and the E551 Food Additive, in Combination with Genotoxic Agents. <i>Nanomaterials</i> , 2020, 10, 1418.	1.9	16
17	Guanine Radicals Induced in DNA by Low-Energy Photoionization. <i>Accounts of Chemical Research</i> , 2020, 53, 1511-1519.	7.6	33
18	Impairment of Base Excision Repair in Dermal Fibroblasts Isolated From Nevoid Basal Cell Carcinoma Patients. <i>Frontiers in Oncology</i> , 2020, 10, 1551.	1.3	1

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19	Oxidative Stress and Genotoxicity in Melanoma Induction: Impact on Repair Rather Than Formation of DNA Damage?. <i>Photochemistry and Photobiology</i> , 2020, 96, 962-972.	1.3	17
20	TiO ₂ genotoxicity: An update of the results published over the last six years. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 854-855, 503198.	0.9	12
21	Photoinduced DNA Lesions in Dormant Bacteria: The Peculiar Route Leading to Spore Photoproducts Characterized by Multiscale Molecular Dynamics**. <i>Chemistry - A European Journal</i> , 2020, 26, 14236-14241.	1.7	3
22	DNA Damage Kills Bacterial Spores and Cells Exposed to 222-Nanometer UV Radiation. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	51
23	6-Formylindolo[3,2-b]carbazole (<sc>FICZ</sc>) is a Very Minor Photoproduct of Tryptophan at Biologically Relevant Doses of <sc>UVB</sc> and Simulated Sunlight. <i>Photochemistry and Photobiology</i> , 2019, 95, 237-243.	1.3	12
24	Influence of exposure dose, complex mixture, and ultraviolet radiation on skin absorption and bioactivation of polycyclic aromatic hydrocarbons ex vivo. <i>Archives of Toxicology</i> , 2019, 93, 2165-2184.	1.9	11
25	Radicals Generated in Tetramolecular Guanine Quadruplexes by Photoionization: Spectral and Dynamical Features. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4950-4957.	1.2	21
26	Toxicological impact of acute exposure to E171 food additive and TiO ₂ nanoparticles on a co-culture of Caco-2 and HT29-MTX intestinal cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 402980.	0.9	45
27	A realistic human skin model to study benzo[a]pyrene cutaneous absorption in order to determine the most relevant biomarker for carcinogenic exposure. <i>Archives of Toxicology</i> , 2019, 93, 81-93.	1.9	22
28	DNA Damage. , 2019, , 1-6.		0
29	Quantitative analysis of UV photolesions suggests that cyclobutane pyrimidine dimers produced in mouse skin by UVB are more mutagenic than those produced by UVC. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 404-413.	1.6	20
30	Formation of UV-induced DNA damage contributing to skin cancer development. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1816-1841.	1.6	276
31	The use of suction blisters to measure sunscreen protection against UVR-induced DNA damage. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 179, 1-6.	1.7	6
32	Comparative study of diesel and biodiesel exhausts on lung oxidative stress and genotoxicity in rats. <i>Environmental Pollution</i> , 2018, 235, 514-524.	3.7	47
33	The Photochemistry of Unprotected DNA and DNA inside <i>Bacillus subtilis</i> Spores Exposed to Simulated Martian Surface Conditions of Atmospheric Composition, Temperature, Pressure, and Solar Radiation. <i>Astrobiology</i> , 2018, 18, 393-402.	1.5	10
34	Persistence and Tolerance of DNA Damage Induced by Chronic UVB Irradiation of the Human Genome. <i>Journal of Investigative Dermatology</i> , 2018, 138, 405-412.	0.3	21
35	Solar simulated light exposure alters metabolism and genotoxicity induced by benzo[a]pyrene in human skin. <i>Scientific Reports</i> , 2018, 8, 14692.	1.6	9
36	The UV/Visible Radiation Boundary Region (385-405 nm) Damages Skin Cells and Induces Cyclobutane Pyrimidine Dimers in Human Skin in vivo. <i>Scientific Reports</i> , 2018, 8, 12722.	1.6	91

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37	Sub-optimal Application of a High SPF Sunscreen Prevents Epidermal DNA Damage in Vivo. <i>Acta Dermato-Venereologica</i> , 2018, 98, 880-887.	0.6	18
38	The AHR represses nucleotide excision repair and apoptosis and contributes to UV-induced skin carcinogenesis. <i>Cell Death and Differentiation</i> , 2018, 25, 1823-1836.	5.0	56
39	Energy Metabolism Rewiring Precedes UVB-Induced Primary Skin Tumor Formation. <i>Cell Reports</i> , 2018, 23, 3621-3634.	2.9	44
40	Insight in DNA Repair of UV-Induced Pyrimidine Dimers by Chromatographic Methods. <i>Photochemistry and Photobiology</i> , 2017, 93, 207-215.	1.3	25
41	Absorption of Low-Energy UV Radiation by Human Telomere G-Quadruplexes Generates Long-Lived Guanine Radical Cations. <i>Journal of the American Chemical Society</i> , 2017, 139, 10561-10568.	6.6	64
42	Impact of nanoparticles on DNA repair processes: current knowledge and working hypotheses. <i>Mutagenesis</i> , 2017, 32, 203-213.	1.0	49
43	Relative Contributions of UVB and UVA to the Photoconversion of (6 ⁴) Photoproducts into their Dewar Valence Isomers. <i>Photochemistry and Photobiology</i> , 2016, 92, 587-594.	1.3	18
44	Effect of C5-Methylation of Cytosine on the UV-Induced Reactivity of Duplex DNA: Conformational and Electronic Factors. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4232-4242.	1.2	32
45	Oxidative DNA Damage and Repair in the Radioresistant Archaeon <i>Thermococcus gammatolerans</i> . <i>Chemical Research in Toxicology</i> , 2016, 29, 1796-1809.	1.7	16
46	Direct Oxidative Damage of Naked DNA Generated upon Absorption of UV Radiation by Nucleobases. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3945-3948.	2.1	45
47	UV and ionizing radiations induced DNA damage, differences and similarities. <i>Radiation Physics and Chemistry</i> , 2016, 128, 92-102.	1.4	57
48	Sunlight-Induced DNA Damage: Molecular Mechanisms and Photoprotection Strategies. , 2016, , 49-77.		7
49	Molecular hydrogen attenuates radiation-induced nucleobase damage to DNA in aerated aqueous solutions. <i>International Journal of Radiation Biology</i> , 2016, 92, 536-541.	1.0	4
50	Inhibition of the formation of benzo[a]pyrene adducts to DNA in A549 lung cells exposed to mixtures of polycyclic aromatic hydrocarbons. <i>Toxicology in Vitro</i> , 2016, 35, 1-10.	1.1	21
51	Impact of topical application of sulfur mustard on mice skin and distant organs DNA repair enzyme signature. <i>Toxicology Letters</i> , 2016, 241, 71-81.	0.4	9
52	Oxidatively Generated Damage to Cellular DNA by UVB and UVA Radiation. <i>Photochemistry and Photobiology</i> , 2015, 91, 140-155.	1.3	249
53	Combination of A β Secretion and Oxidative Stress in an Alzheimer-Like Cell Line Leads to the Over-Expression of the Nucleotide Excision Repair Proteins DDB2 and XPC. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17422-17444.	1.8	14
54	A guanine-ethylthioethyl-glutathione adduct as a major DNA lesion in the skin and in organs of mice exposed to sulfur mustard. <i>Toxicology Letters</i> , 2015, 233, 1-7.	0.4	30

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55	Chemical excitation of melanin derivatives induces DNA photoproducts long after UV exposure. <i>Science</i> , 2015, 347, 842-847.	6.0	421
56	DNA Photochemistry: Geometrically Unconstrained Pyrimidine (6 ⁴) Pyrimidone Photoproducts Do Photoisomerize. <i>Organic Letters</i> , 2015, 17, 246-249.	2.4	11
57	The SPORES experiment of the EXPOSE-R mission: <i>Bacillus subtilis</i> spores in artificial meteorites. <i>International Journal of Astrobiology</i> , 2015, 14, 105-114.	0.9	29
58	N ⁴ -Methylation of Cytosine Drastically Favors the Formation of (6 ⁴) Photoproducts in a TCG Context. <i>Photochemistry and Photobiology</i> , 2015, 91, 102-108.	1.3	6
59	Time course of skin features and inflammatory biomarkers after liquid sulfur mustard exposure in SKH-1 hairless mice. <i>Toxicology Letters</i> , 2015, 232, 68-78.	0.4	28
60	DNA Damage. , 2015, , 667-672.		0
61	Abstract LB-104: Excited electrons in melanin induce cyclobutane dimers in the dark. , 2015, , .		0
62	Contribution of Cytosine-Containing Cyclobutane Dimers to DNA Damage Produced by Photosensitized Triplet-Triplet Energy Transfer. <i>Chemistry - A European Journal</i> , 2014, 20, 5787-5794.	1.7	20
63	The significance of the Dewar valence photoisomer as a UV radiation-induced DNA photoproduct in marine microbial communities. <i>Environmental Microbiology</i> , 2014, 16, 1808-1820.	1.8	17
64	Solar UV Radiation-Induced DNA Bipyrimidine Photoproducts: Formation and Mechanistic Insights. <i>Topics in Current Chemistry</i> , 2014, 356, 249-275.	4.0	93
65	Effect of C5-Methylation of Cytosine on the Photoreactivity of DNA: A Joint Experimental and Computational Study of TCG Trinucleotides. <i>Journal of the American Chemical Society</i> , 2014, 136, 10838-10841.	6.6	58
66	First characterisation of a CPD-class I photolyase from a UV-resistant extremophile isolated from High-Altitude Andean Lakes. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 739-751.	1.6	32
67	DNA damage in internal organs after cutaneous exposure to sulphur mustard. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 39-44.	1.3	38
68	Theoretical and experimental study of the fragmentation of protonated uracil. <i>Chemical Physics Letters</i> , 2014, 605-606, 108-114.	1.2	22
69	Quantification of DNA Damage Using Mass Spectrometry Techniques. <i>Physical Chemistry in Action</i> , 2014, , 203-224.	0.1	0
70	Photo-Induced DNA Damage. , 2014, , 3561-3566.		0
71	DNA Damage. , 2014, , 1-7.		0
72	Photo-Induced DNA Damage. , 2014, , 1-6.		0

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73	Temporal and spatial features of the formation of DNA adducts in sulfur mustard-exposed skin. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 644-650.	1.3	28
74	The variety of UV-induced pyrimidine dimeric photoproducts in DNA as shown by chromatographic quantification methods. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1286-1302.	1.6	103
75	UV-induced formation of the thymine-thymine pyrimidine (6-4) pyrimidone photoproduct – a DFT study of the oxetane intermediate ring opening. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1509-1516.	1.6	13
76	Relative yields of monomeric and dimeric adducts induced by sulphur mustard in isolated and cellular DNA as determined by HPLC/tandem mass spectrometry. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 260-276.	0.6	18
77	An Abscisic Acid-Independent Oxylipin Pathway Controls Stomatal Closure and Immune Defense in Arabidopsis. <i>PLoS Biology</i> , 2013, 11, e1001513.	2.6	239
78	Combined Genotoxic Effects of a Polycyclic Aromatic Hydrocarbon (B(a)P) and an Heterocyclic Amine (PhIP) in Relation to Colorectal Carcinogenesis. <i>PLoS ONE</i> , 2013, 8, e58591.	1.1	50
79	The Extreme Variety of Genotoxic Response to Benzo[a]pyrene in Three Different Human Cell Lines from Three Different Organs. <i>PLoS ONE</i> , 2013, 8, e78356.	1.1	60
80	Comparison of the mechanism of deamination of 5,6-dihydro-5-methylcytosine with other cytosine derivatives. <i>Highlights in Theoretical Chemistry</i> , 2013, , 307-317.	0.0	0
81	Measurement of oxidatively generated base damage to nucleic acids in cells: facts and artifacts. , 2013, , 269-288.		0
82	Alzheimer's Disease-Associated Neurotoxic Peptide Amyloid- β Impairs Base Excision Repair in Human Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14766-14787.	1.8	22
83	Melanoma induction by ultraviolet A but not ultraviolet B radiation requires melanin pigment. <i>Nature Communications</i> , 2012, 3, 884.	5.8	249
84	4-Demethylwyosine Synthase from <i>Pyrococcus abyssi</i> Is a Radical-S-adenosyl-L-methionine Enzyme with an Additional [4Fe-4S] ₂ Cluster That Interacts with the Pyruvate Co-substrate. <i>Journal of Biological Chemistry</i> , 2012, 287, 41174-41185.	1.6	42
85	Photoinduced Damage to Cellular DNA: Direct and Photosensitized Reactions. <i>Photochemistry and Photobiology</i> , 2012, 88, 1048-1065.	1.3	247
86	Measurement of oxidatively generated base damage to nucleic acids in cells: facts and artifacts. <i>Bioanalytical Reviews</i> , 2012, 4, 55-74.	0.1	32
87	Titanium dioxide nanoparticles exhibit genotoxicity and impair DNA repair activity in A549 cells. <i>Nanotoxicology</i> , 2012, 6, 501-513.	1.6	183
88	Low doses of selenium specifically stimulate the repair of oxidative DNA damage in LNCaP prostate cancer cells. <i>Free Radical Research</i> , 2012, 46, 105-116.	1.5	50
89	Electronic Excitation Energy Transfer between Nucleobases of Natural DNA. <i>Journal of the American Chemical Society</i> , 2012, 134, 11366-11368.	6.6	66
90	Electronic Excited States Responsible for Dimer Formation upon UV Absorption Directly by Thymine Strands: Joint Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2012, 134, 14834-14845.	6.6	133

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91	Resistance of Bacterial Endospores to Outer Space for Planetary Protection Purposesâ€”Experiment PROTECT of the EXPOSE-E Mission. <i>Astrobiology</i> , 2012, 12, 445-456.	1.5	124
92	The specificity of UVA-induced DNA damage in human melanocytes. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 155-162.	1.6	72
93	Survival of Spores of the UV-Resistant <i>Bacillus subtilis</i> Strain MW01 After Exposure to Low-Earth Orbit and Simulated Martian Conditions: Data from the Space Experiment ADAPT on EXPOSE-E. <i>Astrobiology</i> , 2012, 12, 498-507.	1.5	66
94	Extremophilic <i>Acinetobacter</i> Strains from High-Altitude Lakes in Argentinean Puna: Remarkable UV-B Resistance and Efficient DNA Damage Repair. <i>Origins of Life and Evolution of Biospheres</i> , 2012, 42, 201-221.	0.8	62
95	Comparison of the mechanism of deamination of 5,6-dihydro-5-methylcytosine with other cytosine derivatives. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	0.5	5
96	Glutathione Depletion and Carbon Ion Radiation Potentiate Clustered DNA Lesions, Cell Death and Prevent Chromosomal Changes in Cancer Cells Progeny. <i>PLoS ONE</i> , 2012, 7, e44367.	1.1	36
97	Formation and Repair of UV-Induced DNA Damage. , 2012, , 1349-1392.		0
98	Effect of the chemical composition of organic extracts from environmental and industrial atmospheric samples on the genotoxicity of polycyclic aromatic hydrocarbons mixtures. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 941-954.	0.6	9
99	Base Pairing Enhances Fluorescence and Favors Cyclobutane Dimer Formation Induced upon Absorption of UVA Radiation by DNA. <i>Journal of the American Chemical Society</i> , 2011, 133, 5163-5165.	6.6	95
100	Effects of static magnetic field and cadmium on oxidative stress and DNA damage in rat cortex brain and hippocampus. <i>Toxicology and Industrial Health</i> , 2011, 27, 99-106.	0.6	42
101	Energy Dependence of Gold Nanoparticle Radiosensitization in Plasmid DNA. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20160-20167.	1.5	50
102	TOX4 and its binding partners recognize DNA adducts generated by platinum anticancer drugs. <i>Archives of Biochemistry and Biophysics</i> , 2011, 507, 296-303.	1.4	36
103	Assessment of the Photoprotection Properties of Sunscreens by Chromatographic Measurement of DNA Damage in Skin Explants. <i>Photochemistry and Photobiology</i> , 2011, 87, 109-116.	1.3	39
104	Measurement of oxidatively generated base damage in cellular DNA. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 711, 3-12.	0.4	113
105	The toxicity redox mechanisms of cadmium alone or together with copper and zinc homeostasis alteration: Its redox biomarkers. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, 171-180.	1.5	70
106	Survival of thermophilic and hyperthermophilic microorganisms after exposure to UV-C, ionizing radiation and desiccation. <i>Archives of Microbiology</i> , 2011, 193, 797-809.	1.0	45
107	Polycyclic aromatic hydrocarbons in binary mixtures modulate the efficiency of benzo[a]pyrene to form DNA adducts in human cells. <i>Toxicology</i> , 2011, 279, 36-44.	2.0	86
108	Individual Photosensitivity of Human Skin and UVA-Induced Pyrimidine Dimers in DNA. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1539-1546.	0.3	37

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109	Oxidatively Generated Damage to DNA by UVA Radiation in Cells and Human Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1005-1007.	0.3	86
110	Oxidatively Generated Damage to DNA and Biomarkers. , 2011, , 579-604.		0
111	Genomic bipyrimidine nucleotide frequency and microbial reactions to germicidal UV radiation. <i>Archives of Microbiology</i> , 2010, 192, 521-529.	1.0	23
112	Oxidatively generated base damage to cellular DNA. <i>Free Radical Biology and Medicine</i> , 2010, 49, 9-21.	1.3	448
113	Aberrant repair of etheno-DNA adducts in leukocytes and colon tissue of colon cancer patients. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1064-1071.	1.3	30
114	Influence of growth temperature and starvation state on survival and DNA damage induction in the marine bacterium <i>Sphingopyxis alaskensis</i> exposed to UV radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 100, 51-56.	1.7	10
115	Involvement of Mitochondrial Ferredoxin and Para-Aminobenzoic Acid in Yeast Coenzyme Q Biosynthesis. <i>Chemistry and Biology</i> , 2010, 17, 449-459.	6.2	100
116	UV photoreactions of the extremely haloalkaliphilic euryarchaeon <i>Natronomonas pharaonis</i> . <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	1.3	11
117	Thymine cyclobutane dimers: the most frequent and persistent DNA lesions in skin exposed to both UVB and UVA. <i>Expert Review of Dermatology</i> , 2010, 5, 649-657.	0.3	0
118	Identification of Eukaryotic and Prokaryotic Methylthiotransferase for Biosynthesis of 2-Methylthio-N6-threonylcarbamoyladenine in tRNA. <i>Journal of Biological Chemistry</i> , 2010, 285, 28425-28433.	1.6	111
119	Hydrolytic Deamination of 5,6-Dihydrocytosine in a Protic Medium: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2010, 114, 1826-1834.	1.1	24
120	UV-Induced TA Photoproducts: Formation and Hydrolysis in Double-Stranded DNA. <i>Journal of the American Chemical Society</i> , 2010, 132, 10260-10261.	6.6	17
121	Post-translational Modification of Ribosomal Proteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 5792-5801.	1.6	59
122	Conformational Control of TT Dimerization in DNA Conjugates. A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5215-5221.	1.2	62
123	UVA-induced cyclobutane pyrimidine dimers in DNA: a direct photochemical mechanism?. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1706.	1.5	120
124	Fluorescence of Natural DNA: From the Femtosecond to the Nanosecond Time Scales. <i>Journal of the American Chemical Society</i> , 2010, 132, 11834-11835.	6.6	97
125	Effects of static magnetic field exposure on antioxidative enzymes activity and DNA in rat brain. <i>General Physiology and Biophysics</i> , 2009, 28, 260-265.	0.4	26
126	Relative contribution of DNA strand breaks and DNA adducts to the genotoxicity of benzo[a]pyrene as a pure compound and in complex mixtures. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 671, 67-75.	0.4	90

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127	The role of the maturase HydG in [FeFe]â€hydrogenase active site synthesis and assembly. FEBS Letters, 2009, 583, 506-511.	1.3	134
128	DNA Damage, Repair and Photoadaptation in a <i>Xiphophorus</i> Fish Hybrid. Photochemistry and Photobiology, 2009, 85, 1384-1390.	1.3	16
129	Genotoxicity of atmospheric polycyclic aromatic hydrocarbons mixtures: From artificial to realistic mixtures. Toxicology Letters, 2009, 189, S136-S137.	0.4	0
130	Remarkable resistance to UVB of the marine bacterium Photobacterium angustum explained by an unexpected role of photolyase. Photochemical and Photobiological Sciences, 2009, 8, 1313-1320.	1.6	19
131	UV-Induced Structural Changes of Model DNA Helices Probed by Optical Spectroscopy. Journal of Physical Chemistry C, 2009, 113, 11747-11750.	1.5	8
132	Sensitized formation of oxidatively generated damage to cellular DNA by UVA radiation. Photochemical and Photobiological Sciences, 2009, 8, 903-911.	1.6	168
133	Influence of the metabolic properties of human cells on the kinetic of formation of the major benzo[a]pyrene DNA adducts. Journal of Applied Toxicology, 2008, 28, 579-590.	1.4	28
134	Genotoxicity of Combined Exposure to Polycyclic Aromatic Hydrocarbons and UVAâ€™A Mechanistic Study. Photochemistry and Photobiology, 2008, 84, 1133-1140.	1.3	7
135	Differential repair of UVB-induced cyclobutane pyrimidine dimers in cultured human skin cells and whole human skin. DNA Repair, 2008, 7, 704-712.	1.3	79
136	Inhibition of S-phase progression triggered by UVA-induced ROS does not require a functional DNA damage checkpoint response in mammalian cells. DNA Repair, 2008, 7, 1500-1516.	1.3	42
137	A zinc-resistant human epithelial cell line is impaired in cadmium and manganese import. Toxicology and Applied Pharmacology, 2008, 230, 312-319.	1.3	15
138	Oxidatively Generated Damage to the Guanine Moiety of DNA: Mechanistic Aspects and Formation in Cells. Accounts of Chemical Research, 2008, 41, 1075-1083.	7.6	490
139	Cadmium-induced oxidative stress and DNA damage in kidney of pregnant female rats. Comptes Rendus - Biologies, 2008, 331, 426-432.	0.1	40
140	Effect of the GC content of DNA on the distribution of UVB-induced bipyrimidine photoproducts. Photochemical and Photobiological Sciences, 2008, 7, 794-801.	1.6	55
141	Selective one-electron oxidation of duplex DNA oligomers: reaction at thymines. Organic and Biomolecular Chemistry, 2008, 6, 916.	1.5	60
142	Influence of Static Magnetic Field on Cadmium Toxicity: Study of Oxidative Stress and DNA Damage in Pregnant Rat Tissues. Electromagnetic Biology and Medicine, 2008, 27, 393-401.	0.7	6
143	Low Glutathione Level Favors Formation of DNA Adducts to 4-Hydroxy-2(<i>E</i>)-nonenal, a Major Lipid Peroxidation Product. Chemical Research in Toxicology, 2008, 21, 2097-2105.	1.7	18
144	Combined NMR and DFT Studies for the Absolute Configuration Elucidation of the Spore Photoproduct, a UV-Induced DNA Lesion. Journal of the American Chemical Society, 2008, 130, 16978-16984.	6.6	44

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145	DNA Repair and Free Radicals, New Insights into the Mechanism of Spore Photoproduct Lyase Revealed by Single Amino Acid Substitution. <i>Journal of Biological Chemistry</i> , 2008, 283, 36361-36368.	1.6	62
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